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**INFORMATION DISCLOSURE STATEMENT
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Applicant: DOEKEL et al.

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Examiner: ~~TD~~ RAMIREZ Group Art Unit: 1633 / 652

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Ready Available
DR	FR 0124313	11/1984	EP			
DR	GR 0789078	08/1997	EP			
	HR					
	IR					
	JR					
	KR					

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

DR	LR	SYMMANK, H. et al., "Analysis of Engineered Multifunctional Peptide Synthetases, Enzymatic Characterization of Surfactin Synthetase Domains in Hybrid Bimodular Systems.", Journal of Biological Chemistry, Vol. 274m no. 31, July 30, 1999, pages 21581-21588.			
DR	MR	STACHELHAUS, T. et al., "Peptide Bond Formation in Nonribosomal Peptide Biosynthesis. Catalytic Role of the Condensation Domain." Journal of Biological Chemistry, vol. 273, no. 35, August 28, 1998, pages 22773-22781.			
DR	NR	MOOTZ, H.D. et al., "Design and Application of Multimodular Peptide Synthetases", Current Opinion in Biotechnology, vol. 10, no. 4, August 1999, pages 341-348.			
DR	OR	MARAHIEL, M.A. et al., "Modular Peptide Synthetases involved in Nonribosomal Peptide Syntheses", Chemical Reviews, vol. 97, no. 7, November 1997, pages 2651-2673.			
DR	PR	STACHELHAUS, T. et al., "The Specificity-conferring Code of Adenylation Domains in Nonribosomal Peptide Synthetases", Chemistry and Biology, vol. 6, no. 8, August 1999, pages 493-505.			
DR	QR	DOEKEL, S. et al., "Dipeptide Formation on Engineered Hybrid Peptide Synthetases" Chemistry and Biology, vol. 7, no. 6, June 2000, pages 373-384.			

Examiner: Delia Ramirez

Date Considered: 9/2/03

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.